

**INDIAN INSTITUTE OF TECHNOLOGY - KANPUR
DEPARTMENT OF BIOLOGICAL SCIENCES & BIOENGINEERING**

Enquiry Number: IITK/BSBE/AKS/NC/2016-17/01, dated: 13.01.2017

SUB.: ENQUIRY FOR NANODROP SPECROPHOTOMETER

Opening date: January 16th, 2017 at 10:00 AM

Closing date: January 25th, 2017 at 05:00 PM

Sealed quotes (technical bid and price bid separately sealed) are invited for the above mentioned laboratory product as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount, if any, should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories (See below).
- Validity of the quote should be at least for 90 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission, if applicable, (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate, if applicable.
- Technical literature to support your product (in technical bid).
- Users' list with contact address in technical bid.

Note: Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as "**Quote for NANODROP SPECROPHOTOMETER**".

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Nanodrop Spectrophotometer [Quantity: 1]

Essential components and features:

- Computer Controlled low volume UV-VIS Spectrophotometer
- Wavelength Range: 190-840 nm or better
- Minimum Sample Size: 0.5 µL
- Path length: 1 mm (auto-ranging to 0.05 mm)
- Light Source: Xenon flash lamp
- Detector Type: 2048-element linear silicon CCD array
- Wavelength Accuracy: 1 nm
- Spectral Resolution: ≤ 1.8 nm (FWHM @Hg 253.7 nm)
- Absorbance Precision: 0.002 absorbance (1 mm path)
- Absorbance Accuracy: 2% (at 0.76 absorbance at 257 nm)
- Absorbance Range: 0.02 -300 (10 mm equivalent)
- Detection limit: 2 ng/µL dsDNA
- Maximum Concentration: 15,000 ng/µL (dsDNA)
- Measurement Time: < 5 seconds
- Sample pedestal Material of Construction: 303 stainless steel and quartz fiber.
- Suitable to run on 220/230 Volt at room temperature.
- Windows based user-friendly software should be offered to display data in graphical form and numerical form
- The interface should be separate operated via PC and not integrated into the instrument.

Included:

Capability Laptop / Desktop

Warranty and accessories: Minimum two year warranty and appropriate voltage stabilizer/UPS for the equipment should also be included in the quotation (without any additional charge).

Vendors interested in submitting the quotation should have several installations in and around Kanpur and must have service center at Kanpur/Lucknow area.

Important: Please attach a summary table to highlight the compatibility of your set-up against specific features mentioned above. In the absence of this table, the quotation will not be considered.